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Docket Number: TI-30016

Examiner: Unknown

Art Unit: 2673

UNITED SPATES PATENT AND TRADEMARK OFFICE

#3

in Re the Application of:

🍒 M. Amit et al..

Filed:

05/04/2001

Serial No:

09/849,332

Title:

MULTI-USER NETWORK SYSTEM AND METHOD OF DATA

COMMUNICATION USING ENHANCED PREAMBLE

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2 Section Industrial Industrial
REQUEST FOR CORRECTED FILING RECEIPT

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Technology Center 2600

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7-22-2002

Date

Assistant Commissioner for Patents Washington, DC 20231

Dear Sir:

Enclosed herewith is a copy of the Filing Receipt for the above-referenced application. The Title on the Filing Receipt is incorrect. Also enclosed are copies of the first page of the Specification and the Utility Patent Application Transmittal form showing the correct title.

Please update the Title on the Filing Receipt to read:

MULTI-USER NETWORK SYSTEM AND METHOD OF DATA COMMUNICATION USING ENHANCED PREAMBLE Serial No. 09/849,332 TI-30016

Applicants respectfully request a corrected Filing Receipt from the US Patent and Trademark Office.

Since this appears to an oversight on the part of the USPTO, no fees should be due; however, the U.S. Patent and Trademark Office is authorized to charge any fee deficiency or credit any overpayment to deposit account 20-0668 of Texas Instruments Incorporated.

Respectfully submitted,

Dana L. Burton

Attorney for Applicants

Reg. No. 35,088

Texas Instruments Incorporated P.O. Box 655474 M/S 3999 Dallas, TX 75265 (972) 917-4161

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Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and vou will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Matitivahu Amit. Zur-Yigal, ISRAEL: Liran Brecher, Jafa, ISRAEL;

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/217,048 07/10/2000

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Foreign Applications

Technology Genter 2600

If Required, Foreign Filing License Granted 06/29/2001

Projected Publication Date: 01/10/2002

Non-Publication Request: No

Early Publication Request: No

2001

Title

Multi-user network system and method of data communication using chanced preamble

enhanced

Preliminary Class

178

1 (1997) 100 (1998) 1990 (1998) 1990 (1998) 1990 (1998) 1990 (1998) 1990 (1998) 1990 (1998) 1990 (1999) 1990 (1999)

Date: 07/02/2001

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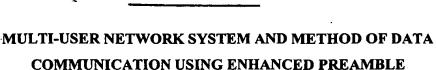
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UTILITY		Docket No.	TI-30016							
PATENT APPLICATIO	N P E Vist Inve	entor	Matitiyahu Amit							
TRANSMITTAL	TRANSMITTAL Multi-User Network System and Method of Data Communication									
(Only for new nonprovisional applications under a CFR 1.53(b)) Express Mail Label No. EL645454334US										
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent arise programments ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231										
	(Submit an original, and a duplicate for fee processing) Computer Program (Appendix) RECEIVEL									
Applicant claims small entity status. See 37 CFR 1.27.			tide and/or Amino Acid Sequicable, all necessary)	NIC 2. 7 2002						
3. Specification (preferred arrangement set forth below)	[Total Pages 10	l a.	Computer Readable	Form (CRF) 2 7 2002						
- Statement Regarding Fed sponsored R	- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D i CD-ROM or CD-R (2 copies): or									
Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention			ii. paper							
Brief Summary of the Invention Brief Description of the Drawings (if file)	d)	c.	Statements verifying	identity of above copies						
- Detailed Description - Claim(s)		ACC	MPANYING APPL	ICATION PARTS						
- Abstract of the Disclosure		9. X	ssignment Papers (cover	sheet & documents(s))						
4. X Drawing(s) (35 U.S.C. 113)	[Total Sheets 1	1 1 1 1 1 1 1 1	7 CFR 3.73(b) Statement when there is an assignee)	X Power of Attorney						
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Signed statement attache named in the prior applic		15. Certified Copy of Priority Document(s) (if foreign priority is claimed)								
1.83(d)(2) and 1.33(b).	16 (16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.								
6. Application Data Sheet, See 37 CFR 1.70										
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Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire										
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Docket No.: TI-3001



Background of the Invention

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1. Field of the Invention

This invention relates generally to data communication systems and methods choology Center 2600 more particularly to a system and method for communicating between subscribers over shared media and that provides collision avoidance, robust carrier sense, stable synchronization between stations, and data buffering and decoding in the background.

2. Description of the Prior Art

When using a data communication system based on bursts (packets), the generic format of a frame consists of a preamble at the beginning of each burst. Some communication protocols additionally include data and end-of-frame. The preamble is used to signify (recognize) the start of transmission. All nodes on a network traditionally use the same preamble and the same end-of-frame. Each node, therefore, is required to decode at least the beginning of the data to identify if this message is addressed to itself. Decoding efforts importantly require a real-time computational complexity. Further, traditional data communication processes are made even more complex and time consuming due to the necessity to utilize collision detection and resolve techniques.

In view of the foregoing, a need exists for a scheme to reduce the time associated with collision resolve to increase the effective data communication rate between subscribers using shared media.

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CONFIRMATION NO. 9229

SERIAL NUMBER 09/849,332	FILING DATE 05/04/2001 RULE	C	CLASS 178	GRO	GROUP ART UNIT 2662		ATTORNEY DOCKET NO. TI-30016			
APPLICANTS Matitiyahu Amit, Zur-Yigal, ISRAEL; Liran Brecher, Jafa, ISRAEL; ** CONTINUING DATA ************************ THIS APPLN CLAIMS BENEFIT OF 60/217,048 07/10/2000 ** FOREIGN APPLICATIONS ************************************										
Foreign Priority claimed			STATE OR COUNTRY ISRAEL	SHEETS DRAWING 1		TOTAL CLAIMS 13		INDEPENDENT CLAIMS 3		
ADDRESS 23494										
TITLE Multi-user network system and method of data communication using enhanced preamble										
FILING FEE RECEIVED 710 FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT No for following:			☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other ☐ Credit							